



September 4, 2002

**To: City Managers & Fleet Managers
Bay Area Municipal and County Governments and
Special Districts**

From: Ellen Garvey, Air Pollution Control Officer

**Subject: Grant Funding Opportunity
Diesel Particulate Matter Retrofit Control Devices for
Heavy-Duty Vehicles**

The Bay Area Air Quality Management District (Air District) invites municipal and county governments and special districts to submit applications for funding to install diesel particulate matter filters on 1994 or newer heavy duty vehicles. These filters reduce the visible smoke from diesel engines and, more important, they reduce the harmful health impacts of toxic diesel particulate matter.

Heavy-duty diesel engines are a significant source of diesel particulate matter (PM₁₀) in California. These tiny particles are responsible for about 70 percent of the total toxic risk to Californians from air pollution. Diesel PM₁₀ is linked to an increased incidence of lung cancer and non-cancer symptoms of respiratory illnesses such as asthma. The Air Resources Board (ARB) identified diesel PM₁₀ as a toxic air contaminant in August, 1998.

To accelerate reductions of harmful diesel PM₁₀ from existing heavy-duty diesel vehicles, the Air District, in cooperation with ARB, has developed this voluntary retrofit program for local Bay Area government fleets. This incentive program will provide funding on a first-come, first-served basis to install eligible particulate matter filters. A total of \$2,000,000 is available.

The Air District will begin accepting applications on Monday, September 30, 2002.¹

The enclosed application form and instructions provide the necessary details on applying for these funds.

A workshop will be held on Wednesday, September 25, 2002 to answer questions regarding application preparation. Attendance at the workshop is highly encouraged; however, *attendance is **voluntary** and is not a prerequisite for submitting an application or receiving a grant.* The location and time for the workshop is as follows:

Date: September 25, 2002
Time: 10:00 a.m. to 11:30 a.m.
Location: Bay Area Air Quality Management District , 7th flr.
939 Ellis Street
San Francisco, CA 94109

Please direct any questions regarding the program to Michael Murphy at (415) 749-4644 or mmurphy@baaqmd.gov.

¹

To help avoid unnecessary driving, applicants are encouraged to mail their applications. Therefore, applications received with postmarks for September 23, 2002 through September 30, 2002 will be treated as being received on September 30, 2002.

Public Agency Particulate Matter Retrofit Program



**939 Ellis Street
San Francisco, CA 94109
September 2002**

Introduction

This document summarizes the funding application process and program requirements for Bay Area municipalities, counties and special districts interested in installing diesel particulate matter filters on 1994 and newer heavy-duty vehicles. *We encourage potential applicants to review this document in its entirety prior to preparing a grant application.*

Heavy-duty diesel engines are a significant source of diesel particulate matter (PM₁₀) in California. These tiny particles are responsible for about 70 percent of the total toxic risk to Californians from air pollution. Diesel PM₁₀ is linked to an increased incidence of lung cancer and non-cancer symptoms of respiratory illnesses such as asthma. The Air Resources Board (ARB) identified diesel PM₁₀ as a toxic air contaminant in August 1998.

To accelerate reductions of harmful diesel PM₁₀ from existing heavy-duty diesel vehicles, the Air District, in cooperation with ARB, has developed this voluntary retrofit program for local Bay Area government fleets. This incentive program will provide funding on a first-come, first-served basis to install ARB approved particulate matter filters. A total of \$2,000,000 is available.

The Air District will begin accepting applications on Monday, September 30, 2002. **To help avoid unnecessary driving, applicants are encouraged to mail their applications. Therefore, applications received with post-marks for September 23, 2002 through September 30, 2002 will be treated as being received on September 30, 2002.** For applicants who hand carry applications, Air District office hours are 8:30 am to 5:00 pm.

Program Requirements

All requests for funding must meet the following requirements:

1. Applications may be submitted only by local municipal and county governments, and special districts.
2. In-use 1994 and newer model year diesel-powered vehicles that weigh over 14,000 pounds gross vehicle weight qualify for retrofits. Public transit buses and garbage trucks are not eligible (because their emissions will be reduced by other programs and requirements).
3. All retrofit devices must be certified by ARB to achieve at least an 85% reduction in PM₁₀. A list of certified retrofit devices and their manufacturers is included at the end of this application packet; updates are available at <http://www.arb.ca.gov/diesel/verifieddevices/verdev.htm>.
4. At least 50% of the retrofits must be completed by December 31, 2002.

5. Retrofitted vehicles must operate on ultra low sulfur diesel fuel (<15 ppm sulfur) because high sulfur levels would interfere with the efficiency of the filters.

Application Workshop

A workshop will be held on Wednesday, September 25, 2002 to answer questions regarding application preparation. Attendance at the workshop is highly encouraged; however, *attendance is **voluntary** and is not a prerequisite for submitting an application or receiving a grant.* The location and time for the workshop is as follows:

Date: September 25, 2002

Time: 10:00 a.m. to 11:30 a.m.

Location: Bay Area Air Quality Management District , 7th flr.
939 Ellis Street
San Francisco, CA 94109

Payment of Funds

1. Program will pay **up to** \$8,000 per qualified retrofit device. This is expected to cover the cost of hardware and installation, for most applications.
2. Payment will be made on a reimbursement basis by the Air District **after** the installation of the retrofit device(s). The Air District reserves the right to physically inspect the retrofitted vehicle(s) prior to making any payment to a participating public agency.

Matching Fund Requirements

No matching funds are required; however, applicants will be responsible for any costs above \$8,000 per qualified retrofit device.

Monitoring and Reporting

1. Public Agencies that receive funding shall notify the Air District when the retrofit devices are ordered and after the devices are installed.
2. Public Agencies that receive funding will be required to track the fuel usage and annual mileage of the retrofitted vehicles for three years. Data will be submitted to the Air District by January 30 in the years 2004, 2005 & 2006.

Application Instructions

To receive funding, please complete the *Public Agency PM₁₀ Retrofit Program* application. Complete each section of the application as necessary. Fill in the vehicle information form for the diesel vehicles to be retrofitted with PM₁₀ devices, completing one row for each vehicle. Applicants may attach additional information as needed.

Printouts from electronic files, databases or other fleet maintenance programs may be substituted for the vehicle information form, provided all requested information is submitted to the Air District.

Additional application forms are also available on the Air District's web site at www.baaqmd.gov/planning/plntrns/retrofit.htm or via e-mail at tfca@baaqmd.gov.

Applications may be submitted starting September 30, 2002 to:

Michael Murphy, Principal Environmental Planner
BAAQMD
939 Ellis Street
San Francisco, CA 94109

Air District office hours are 8:30 am to 5:00 pm.

To help avoid unnecessary driving, applicants are encouraged to mail their applications. Therefore, applications received with post-marks for September 23, 2002 through September 30, 2002 will be treated as being received on September 30, 2002.

Applications will be reviewed for compliance with program requirements. All eligible projects will be funded on a first come, first served basis until funds are exhausted. At anytime that available funds are insufficient to fully fund the current requests, the Air District will pro-rate the grants. The remaining balance from the pro-rated grant requests, or applications received after all funds have been exhausted, will be placed on a waiting list. This list will be maintained by the Air District until May 1, 2003 and will be used to fund projects if and when additional funding becomes available.

Please direct any questions regarding the *Public Agency PM₁₀ Retrofit Program* to Michael Murphy at (415) 749-4644 or mmurphy@baaqmd.gov.

Public Agency PM₁₀ Retrofit Program Application

AGENCY NAME:

Mailing Address:

City:

Zip

CONTACT PERSON:

● Name/Title/Position:

● Phone Number:

Fax Number:

● E-mail Address:

PM₁₀ RETROFIT FUNDS REQUESTED: \$

Total number of vehicles to install retrofit devices (from detailed list on Page 5):

AUTHORIZATION

To the best of my knowledge and belief, data in this application are true and correct.

Name (Typed/Printed):

Title:

Signature:_____

Date:

Proposed Vehicles to be Retrofitted with PM₁₀ Devices
Information Form

<u>License Plate #</u>	<u>VIN Number</u>	<u>Vehicle Make & Model</u>	<u>Engine</u> (make, model, year)	<u>Retrofit Device Manufacturer/ Model Number</u>

Please complete one row for each vehicle to be retrofitted. Attach additional pages, as needed. ***Printouts from electronic fleet maintenance records may be substituted for the above form, provided all requested information is submitted to the Air District.***